

Questions for EDMVS on
strain/species for mammalian assays
in the Endocrine Disruptor Screening Program
August 2003

1. Are there any mammalian assays being considered for the EDSP in which a specific strain should be used or avoided?¹
2. Should EPA standardize on one strain across **all** assays?
 - a. if different strains are best for different assays
 - b. if no strain is preferred for any of the assays
3. Should EPA require the use of multiple inbred strains? If so,
 - a. for which assays?
 - b. how many strains?
 - c. which strains?
 - d. should the total number of animals used in the assay be kept the same as if only one strain were used, or should each strain be tested with the full complement of animals?
4. Is there sufficient reason to switch from rats to a different test species? If so, which species?

¹ uterotrophic, Hershberger, steroidogenesis, aromatase, ER binding/transcriptional activation, AR binding/transcriptional activation, pubertal male, pubertal female, adult male, mammalian 2-generation

